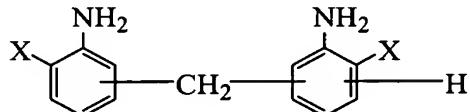


CLAIMS

1. A polyol composition for a two-component curable abrasive foam, comprising (A) a polyaminochlorophenylmethane mixture and (B) a polyol,

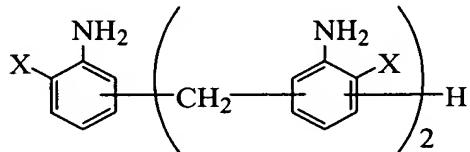
the polyaminochlorophenylmethane mixture (A) comprising:

50 to 70% by weight of a binuclear polyaminochlorophenylmethane compound represented by the following formula:



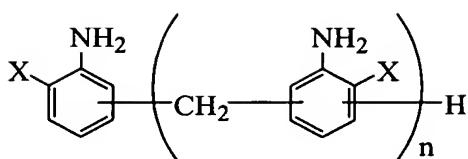
(wherein X independently represents a chlorine atom or a hydrogen atom),

20 to 40% by weight of a trinuclear polyaminochlorophenylmethane compound represented by the following formula:



(wherein X independently represents a chlorine atom or a hydrogen atom), and

5 to 10% by weight of a tetranuclear or higher polyaminochlorophenylmethane compound represented by the following formula:



(wherein X independently represents a chlorine atom or a hydrogen atom; and n represents an integer of 3 or greater), wherein the polyaminochlorophenylmethane mixture (A) is uniformly dissolved in the polyol (B), and wherein the weight ratio of (A) to (B) ((A)/(B)) stands at 30/70 to 60/40.

2. The polyol composition for a two-component curable abrasive foam according to claim 1, wherein the polyol (B) is a polyol containing ether bond in a principal chain thereof and having a molecular weight of 100 to 1500 and/or a polyol containing methyl group in a side chain thereof and having a molecular weight of 50 to 500.

3. The polyol composition for a two-component curable abrasive foam according to claim 1, wherein the polyol (B) is at least one selected from tetramethylene glycol and polypropylene glycols.

4. A composition for a two-component curable abrasive foam, comprising the polyol composition (1) according to claim 1, a polyisocyanate (2) and water (3).

5. The composition for a two-component curable abrasive foam according to claim 4, wherein the polyisocyanate (2) is an isocyanate-group-containing urethane prepolymer having an isocyanate equivalent of 300 to 580.
6. The composition for a two-component curable abrasive foam according to claim 4, wherein the polyisocyanate (2) is a toluene diisocyanate-type urethane prepolymer containing a terminal isocyanate group.
7. An abrasive foam, as a foamed and cured product of the composition for a two-component curable abrasive foam according to claim 4, wherein the abrasive foam has a specific gravity of 0.3 to 1.2.
8. A method for producing an abrasive foam, comprising the steps of casting the composition for a two-component curable abrasive foam of claim 4 in a mold, and foaming and curing the composition.